

WHAT IS CLAIMED IS:

1. In a video CD storing video and audio packets simultaneously, a method of playing the audio packet of the video CD separately, comprising the steps of:

reading a sector of the video CD;

finding packet identification informations from the sector;

judging whether the sector includes the audio packet or not using the packet identification informations;

decoding the audio packet according to an encoding format if the sector includes the audio packet; and

converting the decoded audio packet to an analog signal to output.

2. The method of claim 1, wherein the step of judging whether the sector includes the audio packet or not using the packet identification information is carried out by judging whether the sector includes the audio packet or not using fields having different values according to kinds of packet data in a plurality of fields of packet headers of the video and audio packets as the packet identification informations.

3. The method of claim 2, wherein the packet identification informations are field values of stream IDs of the packet headers of the video and audio packets.

5 4. The method of claim 1, wherein the audio packet is decoded by MPEG2.

10 5. The method of claim 1, further comprising the step of searching a song stored in the video CD using a front margin, a rear margin, a start code, or/and an end code of the video CD.

15 6. In a video CD storing video and audio packets simultaneously, an apparatus for playing the audio packet of the video CD separately, comprising:

a CD playing unit reading the video and audio packets stored in the video CD;

20 a data analyzing unit extracting the audio packet only from the video and audio packets read by the CD playing unit;

a decoding unit converting the audio packet extracted by the data analyzing unit to an analog audio signal; and

an audio outputting unit outputting the analog audio signal,

wherein the data analyzing unit selectively extracts the audio packet only using packet identification informations included in all sectors of the video CD.

5           7. The apparatus of claim 6, wherein the packet identification informations are field values of stream IDs of packet headers of the video and audio packets.

10           8. The apparatus of claim 6, wherein the audio decoding unit decodes the audio packet by MPEG2.